Electronic Filing System (EFS) Data Electronic Patent Application Submission USPTO Use Only

EFS ID:

14166

Application ID:

09683983

Title of Invention:

OPTIMIZED BLOCKING IMPURITY

First Named Inventor:

PLACEMENT FOR SIGE HBTs Basanth Jagannathan

Domestic/Foreign Application:

Domestic Application

Filing Date:

null

Effective Receipt Date:

2002-03-08

Submission Type:

Utility Patent Filing

Filing Type:

new-utility

Confirmation Number:

0

Attorney Docket Number:

BUR920020020

Digital Certificate Holder:

cn=Mark F. Chadurjian, ou=Registered Attorneys, ou=Patent and Trademark Office, ou=Department of Commerce, o=U.S.

Government, c=US

Certificate Message Digest:

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Total Fees Authorized:

\$824.0

Payment Category:

DA - Deposit Account

Deposit Account Number:

90456

Deposit Account Name:

Mark F. Chadurjian

TRANSMITTAL FORM

Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: Utility

Patent Filing

Attorney Docket Number:

BUR920020020

OPTIMIZED BLOCKING IMPURITY PLACEMENT FOR SIGE HBTs

First Named Inventor: Basanth Jagannathan

SUBMITTED BY

Name:

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there are

Mr. Mark F. Chadurjian

Registration Number:

30,739

Electronic Signature Mark: Mark F.

Chadurjian / s/

Date Signed: 20020308

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I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

declaration

bur920020020dec1.tif

declaration

bur920020020dec2.tif

fee-transmittal

bur920020020fee.xml

specification

BUR920020020.xml

Attached Image File(s): bur920020020dec1.tif bur920020020dec2.tif Comments:

Assignee: International Business Machines Corporation, Armonk, New York 10504

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Optimized Blocking Impurity Placement for SiGe HBTs

the specifi (check on	ication of which: e)			
	⊠ is attached hereto. ☐ was filed on	as Applicat	ion Serial No.	and was amended on
I hereby s referred to		and understand the contents of t	he above identified specifi	cation, including the claims, as amended by any amendmen
	ledge the duty to discloses, § 1.56.	e information which is materia	l to the patentability of th	is application in accordance with Title 37, Code of Federa
	also identified below any			application(s) for patent or inventor's certificate listed belov g a filing date before that of the application on which priority
Prior	Foreign Application(s)	:		
Num	ber	Country	Day/Month/Year	Priority Claimed
each of the States Co	e claims of this applicati de, § 112, I acknowledg	on is not disclosed in the prior Ur	ited States application in t formation as defined in T	plication(s) listed below and, insofar as the subject matter of the manner provided by the first paragraph of Title 35, United itle 37, Code of Federal Regulations, § 1.56 which occurred to this application:
Prior	U.S. Applications:			
Serial	No.	Filing Date	Status	
true; and imprison	further that these state	ements were made with the kno tion 1001 of Title 18 of the Unit	wiedge that willful false	tatements made on information and belief are believed to b statements and the like so made are punishable by fine o ch willful false statements may jeopardize the validity of th
Tradema: William l	rk Office connected there D. Sabo (Reg. No. 27,46)	ewith: Mark F. Chadurjian (Reg.) 5), Robert A. Walsh (Reg. No. 26	No. 30,739), Richard M. K (,516), Howard J. Walter, J	this application and transact all business in the Patent and otulak (Reg. No. 27,712), James M. Leas (Reg. No. 34,372) fr. (Reg. No. 24,832), Richard A. Henkler (Reg. No. 39,220) Hoel (Reg. No. 26,279), Joseph C. Redmond, Jr. (Reg. No.
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Page 1 of 2

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	- of Chico ranges: Same as Residence	

Page 2 of 2

FEE TRANSMITTAL

Electronic Version 1.1.0 Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 824

The commissioner is hereby authorized to charge publication fees and credit any overpayments to: The commissioner is hereby authorized to charge indicated processing and/or

Deposit Account Number: 090456

Deposit Account Name:

International Business Machines Corporation

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

SUBMITTED BY

Authorized Name:

Mark F. Chadurjian

Electronic Signature Mark:

Mark F. Chadurjian / s /

Date Signed:

20020308

BASIC FILING FEE

Fee Description	Fee Code	Fee Paid	
Utility Filing Fee	101	\$ 740	

Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 20	103	\$ 18	0	\$ 0
Independent Claims: 4	102	\$ 84	1	\$ 84